6:Spate N-4 (no date)1954 AWI India
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high and five feet round, on which the paddy is sown just before the rains. When the monsoon bursts the surrounding water is freshened and transplanting takes place. This is a rather precarious method, illustrating the devices enforced by severe population pressure.

(iv) In the wet lowlands above the backwaters more normal methods prevail, but the early onset of the rains enables planting to take place in April–May and harvest in September; the continuance of the rains then often permits a poor second crop (not necessarily paddy) harvested in January; very occasionally a third is possible.

After rice, coconut is the chief crop, accounting for nearly 1 m. ac., typically, of course, in the sandy coastal strip but also on alluvial loams and (with more careful preparation) on laterites. In Travancore the coconut acreage is nearly equal to that of rice; in Quilon taluk, indeed, it covers 85% of cropped area. After rice as the essential food, the coconut palm is the basis of life in Kerala: "Apart from the several uses of the chief products, viz., coir, copra, coconut oil, oil-cake, the hollowed trunk serves as a canoe, the nut forms a staple article of diet, the leaves may be used for many of the purposes of paper, are frequently employed as thatch and for the manufacture of brooms, baskets, umbrellas, tattis [screens kept soaked to cool rooms], and fans, and utilised as crude torches in a dried form, or burnt as fuel, as it is [*sic*] or in the form of charcoal. In addition, the fresh or fermented juice of the stem is consumed as a beverage, by evaporation it is made into jaggery and by subsequent treatment even sugar is obtainable. When distilled, the toddy becomes arrack and finally vinegar."[45] Of the "industrial" workers of Kerala—most of them, of course, cottage workers—about a third are in various processes connected with coconut products, and of these two-thirds are women. The coir 'yarn' is almost entirely cottage-produced, its working-up into mats and so on largely a small factory industry.

The most important other crops (apart from plantation rubber and tea in the hills), are cassava (tapioca) and pepper, mainly in the foothills. The former is grown as a food crop on poorer lateritic soils; pepper is perhaps the chief peasant-produced cash crop after coconut. Cereals other than paddy are negligible, as are oilseeds except for a little sesamum (gingelly), often as a third crop on the higher wet-rice lands. Nearly every homestead has its plantains and other fruit trees, and ginger and the betel vine, with its associated areca palm, are also grown widely but in tiny patches.

Tapioca deserves special mention. Introduced about 1920, it is grown on the lateritic soils ("about as attractive for agriculture as railway ballast") in tiny holdings by the poorest of the poor. As Gourou points out, there is a sort of social inversion: the better-off rice farmers in the valley-bottoms, and a hundred feet or so above them a very wretched (largely Christian) peasantry.

[45] Quoted in Kuriyan, 1937 (Vol. XI), 286. Cf. P. K. Paniker, "The Coconut—its Cultivation on the Malabar Coast", *IGJ* XVIII (1943), 78–88.

435 Site values of land for building are getting higher and higher in the 'town', chiefly because the Shoranur-Cochin Railway now runs through this place, the principal offices of the taluk are here, and a high school has just been opened. Rs. 500 per acre may be paid in the 'town'; Rs. 50 to Rs. 100 in the rest of the village area. But the best wet land fetches up to Rs. 1,500 per acre. Cultivable land fetches far higher prices than building land, because only land unfit for cultivation, of which there is enough, is used for building.

423 The practice of exchanging lands is unknown. Generally, though not always, holdings are continuous. Field huts, built in [343] the midst of their fields, are often used by big farmers. The seeds, the harvested paddy and other crops, the stock, the implements, etc., are kept there.

• 296 *Subsidiary industries.*—Weaving is not practised. In the north-eastern part of the State, however, handloom weaving of an exquisite sort and also of a rough character is practised.

285 Mat-weaving of an exquisite pattern out of certain reeds duly coloured is practised by a set of people locally known as 'Koravas.' 735 The condition of these men, however, is miserable. They have no capital, no organization or culture, but usually make their wares to order, though now and then a few enterprising middlemen avail [787] themselves of these people's skill. They talk a jargon of Tamil [791] and Malayalam, and their females, like gipsies, beg from house to house and profess themselves to be adepts in palmistry. They make mats costing from Re. 1 to Rs. 15 or Rs. 20. They yet live from hand to mouth; and I have my doubts whether they will be able to keep up their skill unless knowing people help to raise their economic condition.

564 Every village moreover contains within its borders the following castes who follow their hereditary crafts:—the Marasari (carpenter), Kallasari (mason), Tattan (goldsmith), Musari (brazier), Kollan (blacksmith), and Tolkollan (leather-worker). There are a few families of each of these castes in Watakanchery also. "As their services are much in requisition and as they earn better wages than unskilled labourers, they are still engaged in their hereditary occupation. The first five groups are socially in a par with each other. They all interdine, but do not intermarry. But the Tolkollans are considered inferior in status to the rest and cannot touch them without causing pollution, probably on account of their [595] work in leather which in its raw state is considered impure. Polyandry of the fraternal type was prevalent among them, several brothers marrying one wife and the children being treated as common to all. This practice however is fast dying out, if it has [783] not already done so." (Census Reports.) One special feature in the caste-hierarchy is that these people are made to stand at a specified distance while approaching the higher castes (24 feet is the rule).

466 These castes minister to the every day needs of the community, executing their work generally to order. As they are very poor, they cannot afford to work on their own account on a commercial 326 scale. The village usually contains a recognized *desa-asari* (village smith) to whom the farmers pay a certain amount of paddy at the harvesting season of the year for the repair of their implements. None but the village-smith is entitled to this dole. These may entertain apprentices from their own caste-people, though the

31: Slater S-5 (1916-1917) 1918 AWI India
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241 leads to the tree fruiting within two or three years, instead of four or five. The leaves that fall from the trees in gardens are used as green manure in the paddy fields and coconut gardens. No such thing as growing green manure is known. No wood or forest is near so that the people may bring the leaves.

242 In fact very little manuring takes place in the village. What is actually done in the cultivation of chief crops is to plough the land. Every year much is drawn from the soil, and nothing is returned to it. I have stated above that lands which returned Rs. 1,000 a year do not now return more than Rs. 400 or 500. The two most potent causes for this deterioration are the system of land tenure and the absence of manuring. Perhaps the second is the result of the first, but I think the want of agricultural knowledge is the cause of the want of manuring and scientific cultivation.

372 *Wood and fuel.*—The outer cover of the coconut, the leaves of the same, mango trunks, serve for fuel for the whole village, and they are obtained in plenty, but the price is rising with the general rise of prices.

[313] Wood for implements, building, etc., is obtained from Cochin State, brought in carts drawn by oxen or buffaloes.

342 *The village—Houses.*—For buildings granite is obtained from a place four miles distant, mortar is prepared in the village, mud
361 from the village itself, tiles from different places, the least distant being twenty miles away, for thatch the leaves of the coconut are used, iron things are bought in the bazaar. The houses in the village are all isolated from one another. Every part of the village is inhabited except the paddy fields. However, at the present day traders have a tendency to build their houses as near the road as possible and form streets. The people also have a tendency to live as near the temple as possible, and this has resulted in the formation of four streets, surrounding the temple on all the four sides. These streets form also the bazaar of the village. There are here about 100 houses.

361 The lands adjacent to the temple are occupied by Brahmans and Nayars. Any other place can be occupied by any family. The
571 houses of the low castes, high castes, and of otheir religions are intermingled. The same garden may be occupied by Muhammadans, Hindus and Christians, and they all live very amicably as if they belonged to one and the same religion.

735 The Pariahs, whose families are only three in number, occupy certain portions of the land of a big landlord. The landlord gives the Pariahs free houses and a certain allowance a month. He thinks it incumbent upon him to protect and maintain them. Their huts, though small, are yet tidy and neat. The allowance that was freely given them has now become a right. They follow certain industries and go to rich men's houses to beg twice a month, and they are given a certain quantity of rice.

342 There are 977 thatched houses, 313 tiled houses, no terraced houses.

286 *Crafts and industries.*—There are seven families of weavers consisting of 39 members, i.e., 14 men, 12 women, 13 children under fifteen years. They have been in the village from times long past. They weave a cloth 1 foot wide, 1¼ yards long, and this is used as undercloth. They also at times weave a cloth ¾ or 1

286 yard in width and 1½ or 2 yards long. They find it difficult to maintain themselves with this work and also rent small plots of land, and some possess land. They use the unimproved hand-loom. There is no co-operation among them. They sell their cloth in the adjoining market of the village and do not care to send it to other villages. At times they take orders. They do not spin but buy inferior yarn from the market which gets its supply from Bombay through Cochin and Calicut and at times Ponnāni.

463 *Other crafts.*—

Sawyers	...	...	...	...	...	4 families.
Carpenters	...	...	...	...	11	,,
Copper workers	...	...	...	...	1	family.
Iron workers	...	...	...	...	2	families.
Goldsmiths	...	...	...	...	7	,,
Masons	...	...	...	...	10	,,

These give their whole time to the craft.

Native umbrellas and baskets are made by all Pariahs.

[283] Rope-making—thick as well as thin—is carried on by nearly all the women of the Tiyyas and their sub-sects. Some women are wholly engaged in this work and they sell their ropes in the market themselves. The Pariahs make a peculiar kind of rope from grass, which is used for tying calves, and as reins for bulls. The rope is good and strong. They sell a rope for a measure of rice.

Leather work is done by one family which also practises agriculture.

These craftsmen have existed from times long past with no change in their condition or tools. There is no co-operation among them. Their capital is only their tools. They get sufficient work for their maintenance. There is no improvement with regard to their designs except in the case of the goldsmiths whose work is daily increasing and who are the only craftsmen who invent designs. The condition of blacksmiths is getting worse on account of the importation of foreign iron goods. His only work now-adays is to fit things, not to make them as of yore. He does not now make the nails, screws, iron bars, locks, knives, etc. These are bought from the bazaar and he fits them. But he makes all the tools necessary for other crafts and for agriculture. The same is the case with the coppersmith, but he gets sufficient work as people desire to get valuable vessels made in their presence. But his condition may be regarded as precarious. There is no change in the other craftsmen.

[285] Coir rope-making is the chief source of income for all the low caste women. They beat the soft cover of the coconut, after it is well soaked, into fibre, and twist it into strands, and the strands into ropes, in their hands. The rope is sold to the local shop-keepers daily. Some women themselves take the rope to the local fairs. Their work is increasing.

245 The other industry followed by a great many people is coconut oil-pressing. The whole Christian community with some others subsists on that work. They become tenants to big kanomdars and sometimes buy coconuts from others and extract the oil and sell it in the local market. Some big shopkeepers collect the oil and send it in large quantities to Cochin whence it is exported. One machine mill is already at work in a place